

# **CRUISE: CORY 2/01**

**STAFF:** Dave Sivyer et al

**DURATION:** 1<sup>st</sup> March to 7<sup>th</sup> March 2001

**LOCALITY:** North Sea (IVb and IVc)

**AIMS:** Smart Buoy servicing etc

## **NARRATIVE:**

1/3/01 - Sail 12:00

The following sites were visited for CTD casts:-  
South Varne (NMP 485)

2/3/01

Central Channel NMP 535

Tamar (near NMP 565)

Off Plymouth Sound NMP 585

3/3/01

Nash Point NMP 615

Cardigan Bay NMP 655

4/3/01

Liverpool Bay NMP 715

Burbo Bight NMP 705

Morecombe Bay NMP795

Coring just off Morecombe Bay and then just off Sellafield

SE Isle of Man NMP 805

Irish Sea NMP 775

5/3/01

Off Cardigan Bay NMP 665

Celtic Deep NMP 605

6/3/01

The weather conditions at Selsey Bill NMP 495 were unsuitable for a CTD cast, so an underway sample was collected 20:30. Underway sampling was then suspended until 08:30 7/3/01.

7/3/01

CTD cast at The Warp NMP 465 and The Warp SmartBuoy site. The SmartBuoy was successfully recovered and re-deployed. Underway sampling resumed 08:30 until 15:30. Docked 19:10

Surface water samples were collected hourly from the continuous clean salt supply for the duration of the cruise. Unfortunately the conductivity cell of the Chelsea was not working.

All surface water stations – samples collected for dissolved and particulate nutrients, suspended load, chlorophyll and salinity

All CTD casts for water samples included the above and also dissolved oxygen

The SmartBuoy at the Outer Gabbard could not be serviced as the cruise ran out of time due to bad weather in the Channel 5th and 6th and gales were forecast for the 7th.